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Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re:

ARC DETECTION APPARATUS UTILIZING A

DYNAMIC PROCESSING MODULE

Docket No. 381-27-058

Sir:

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 $\tilde{\mathcal{P}}_{\tilde{\mathcal{G}}}$

Transmitted herewith for filing under 35 U.S.C. 111 and 37 CFR 1.53 is the patent application of MICHAEL T. PARKER entitled ARC DETECTION APPARATUS UTILIZING A DYNAMIC PROCESSING MODULE.

Enclosed are:

24 pages of written description, claims and abstract.

30 sheets of drawings.

Unsigned Declaration and Power of Attorney

The filing and recording fees have been calculated as shown below:

 Basic Fee
 \$770.00

 Total Claims
 (16-20) x \$18.00
 = 0.00

 Independent Claims
 (3-3) x \$86.00
 = 0.00

 Total Fee:
 \$770.00

Our Check No. 21644 for \$770.00 to cover the filing and recording fees is enclosed. We authorize the Commissioner to charge (1) payment of any additional filing fees required

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under 37 CFR §1.16, (2) payment of any patent application processing fees under 37 CFR §1.17 associated with this communication, or (3) payment of any fees that occur during the pendency of this application (and to credit any overpayment) to Deposit Account No. 11-1580. We enclose a duplicate copy of this sheet.

Very truly yours,

KOPPEL, JACOBS, PATRICK & HEYBL

Jaye G. Heybl

Registration No. 42,661

JGH/mm Enclosures M/J4-381-27-058 transmittal